

Hydroxypropyl Beta Cyclodextrin (HPBCD)

Modified cyclodextrin for inclusion complexation and formulation development.

CAS No. 94035-02-6	EC / List No. 618-994-5	Transport Non-dangerous goods
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Product Information

Modified cyclodextrin for inclusion complexation and formulation development.

Specifications

Parameter	Specification
Appearance	White or almost-white amorphous or crystalline powder
Loss on drying	≤10.0 %
pH, 1% aqueous solution	6.0–9.0
Substitution, supply reference	2.8–10.5
Heavy metals	≤20 ppm

Grade-specific supply limits. The agreed specification and batch COA govern delivery.

Typical Properties

Property	Typical Value
Molecular formula	Variable substituted cyclodextrin
Molecular weight	Varies with substitution

Applications

Inclusion complex formulation: Complexing ingredient for selected flavours and compatible guest compounds.

Fragrance formulation: Ingredient for technically supervised fragrance inclusion and delivery concepts.

Odour-control development: Cyclodextrin derivative for selected odour-management formulations.

Packaging / Storage

Item	Information
Packing	25 kg cardboard drums
Storage	Store tightly closed in a cool, dry, well-ventilated place. Protect from moisture, excessive heat, direct sunlight and incompatible chemicals.
Handling	Provide effective ventilation during powder transfer. Wear suitable protective gloves, safety goggles and work clothing. Avoid airborne dust, ingestion and unnecessary skin or eye contact.

Company Contact

Supplier	Hainan Zhongxin Chemical Co., Ltd. (ZXCHEM)
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